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CLEAN VERSION OF ALL PENDING CLAIMS

This listing of the claims replaces all prior versions of claims in the application.

Listing of Claims:

1. (Original): A system for determining capacity of a server, comprising:
a client for generating a plurality of requests to the server, the client providing a desired rate of requests by calculating an actual rate of requests being generated and adjusting the actual rate to within a predetermined range of the desired rate such that a continual rate of requests are provided to the server in order to facilitate determining server capacity.
2. (Original): The system of claim 1 further including a control input for adjusting the desired rate of requests.
3. (Original): The system of claim 2 wherein the control input provides the desired rate of requests.
4. (Original): The system of claim 2 wherein capacity planning is provided by monitoring performance metrics on the server while adjusting the desired rate of requests.
5. (Original): The system of claim 1 wherein capacity planning is provided automatically by monitoring performance feedback from the server.
6. (Original): The system of claim 5 wherein capacity planning is determined by automatically adjusting the desired rate of requests and comparing the performance feedback to predetermined thresholds.

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7. (Original): The system of claim 1 further including a data store for holding a plurality of requests.
8. (Original): The system of claim 7 further including a queuing mechanism for retrieving and sorting requests from the data store.
9. (Original): The system of claim 8 further including a queue for storing sorted requests from the queuing mechanism.
10. (Original): The system of claim 9 wherein the requests are sorted according to the criteria of time to execute.
11. (Original): The system of claim 10 wherein the requests are HTTP requests.
12. (Original): The system of claim 9 further including a component for retrieving requests from the queue and sending the requests to the server.
13. (Original): The system of claim 1 further including a scheduler for determining how many requests to generate for an upcoming period.
14. (Original): The system of claim 13 further including a feedback loop for controlling the desired rate of requests.
15. (Original): The system of claim 14 wherein the feedback loop determines an error signal that is provided to the scheduler for controlling the desired rate of requests.
16. (Original): The system of claim 13 wherein the scheduler is activated during a current time period to schedule requests for an upcoming time period.

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17. (Original): A system for determining capacity of a server, comprising:
means for generating a plurality of requests to the server, said means providing a desired rate of requests by calculating actual rate of requests being generated and adjusting the actual rate to within a predetermined range of the desired rate such that a continual rate of requests are provided to the server in order to facilitate determining server capacity.
18. (Original): A methodology for generating a continual stream of network requests comprising:
scheduling requests for an upcoming period of time;
sampling actual requests per second;
determining if the actual requests per second are below a target requests per second; and
increasing the actual requests per second in the upcoming period if the actual requests per second are below the target requests per second.
19. (Original): The methodology of claim 18 wherein the step of determining if actual requests per second are below the target requests per second is determined by performing a subtraction.
20. (Original): The methodology of claim 18 wherein the actual requests per second are decreased if the actual requests per second are above the target requests per second.
21. (Original): The methodology of claim 18 wherein the actual requests per second are maintained if the actual requests per second are equal to the target requests per second.